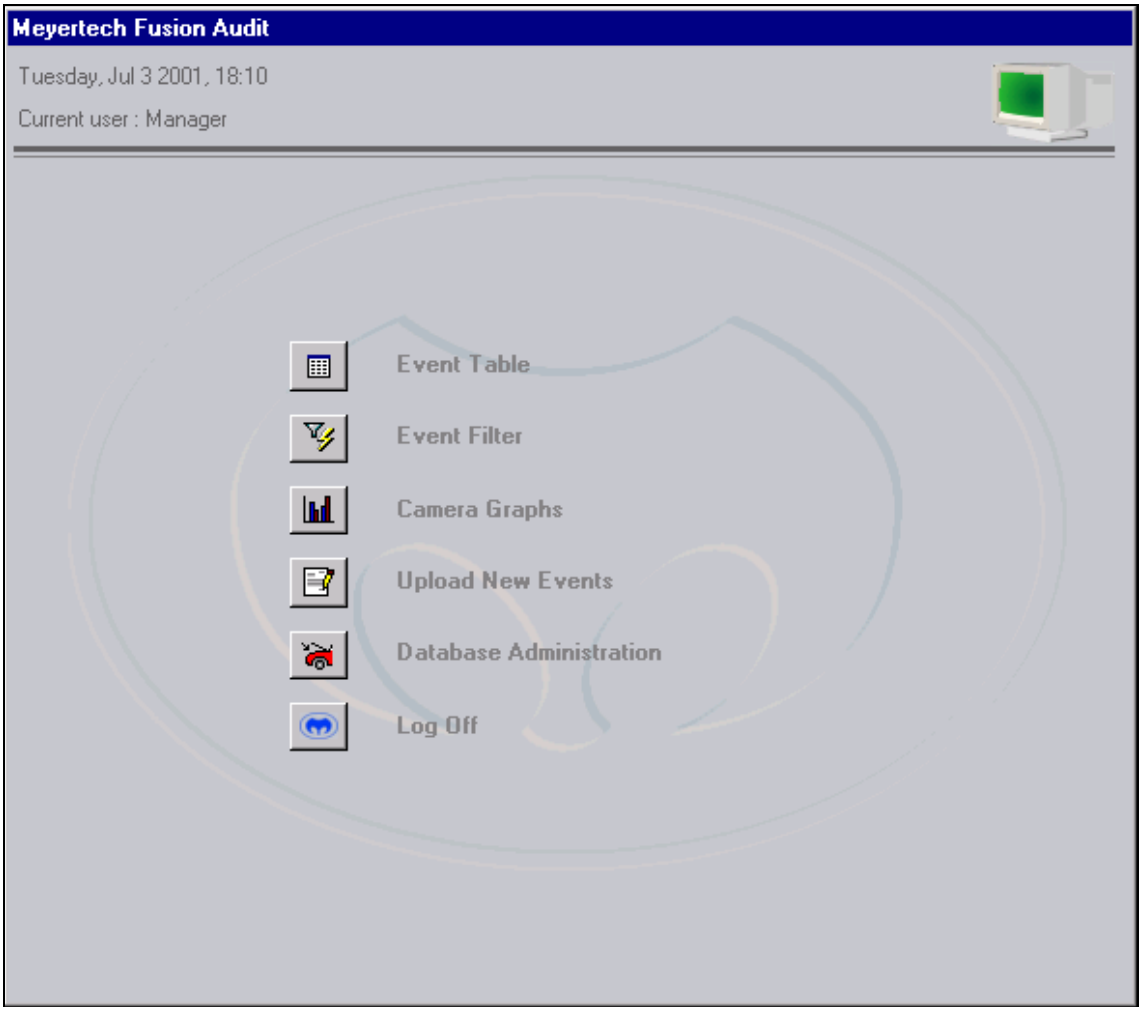
MEYERTECH
SECURITY with VISION

FUSION AUDIT

USER MANUAL



FUSION-AUDIT

CCTV System Auditing Software
Issue 03

FUSION-AUDIT

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FUSION-AUDIT

Introduction

Thank you for purchasing Meyertech's FUSION-AUDIT software. Please read this user guide prior to using the software. It will help you to achieve the maximum benefit from the software package. The manual covers installation, operation and maintenance of FUSION-AUDIT.

What is FUSION-AUDIT?

FUSION-AUDIT is part of the FUSION software suite developed by Meyertech to audit FUSION/ZoneVu CCTV system events.

A Windows application FUSION-AUDIT takes advantage of both the high resolution graphics and intuitiveness that the Windows environment provides.

Once installed it logs all FUSION/ZoneVu system events from user log-on/off to alarm incidents. The stored audit data can be quickly and easily be turned into management reports using standard Microsoft Office tools.

FUSION-AUDIT has endless applications. For instance, you can monitor which is the most used camera in the system, and during what hours or which day of the week. Alarm information is also audited along with the relevant actions of the operator

KEY FEATURES

- CONSTANTLY LOGS ZoneVu and FUSION SYSTEM EVENTS
- EASY PRODUCTION OF MICCROSOFT OFFICE BASED MANAGEMENT REPORTS
- POWERFUL DATA FILTERING TOOLS FOR CUSTOMISED REPORTS
- FLEXIBLE DATABASE ADMINISTRATION
- GRAPHICAL REPRESENTATION OF AUDIT DATA

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Installation

Minimum System requirements

1. Windows 98 or Windows NT4 (SP6 or later recommended for NT)
2. 230 MHz processor (PIII 700 MHz recommended)
3. 64MB RAM (128MB RAM recommended)
4. CD ROM
5. 100MB hard disk space (Dependant on amount of data stored, plus allow for space for backups)
6. Some form of removable data backup
7. 100 Base-T Ethernet card

Notes regarding existing Microsoft Office installations

Fusion Audit is a runtime Access 97 database and is installed with the runtime version of Access 97 unless the Installer program detects a working copy of Access 97, in which case the runtime version of Access 97 will not be installed.
Should Access 2000 or later versions be installed the Installer program will install the runtime version of Access 97 in a separate location. It may be necessary to manually create the shortcut(s) for Fusion Audit using the runtime version of Access 97 as Windows may have automatically associated all database files with the newer release of Access 2000.

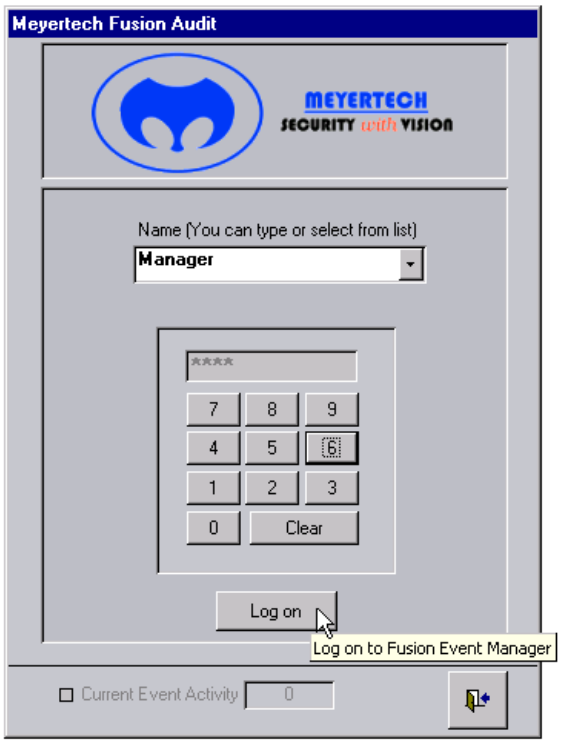
Install process

1. See the Readme.txt file (located on the install disc) for more details
2. Insert CD and setup.exe will auto start
3. The directory chosen for install is "**C:\Meyertech\FEMData**". ***This must not be changed.***
4. Select Typical install
5. The installation should now be complete
6. Note that the licence file FEM Licence.mde is installed automatically is a dummy licence file and must be manually replaced by the Site Licence file into the Licence folder: C:\Meyertech\FEM\Licence.
7. There is an automatic upgrade function in Fusion Audit that will upgrade the FemData.mde database for all versions of 6.29 and later. Any upgrades that take place will preserve the existing stored data.

Getting Started

Starting

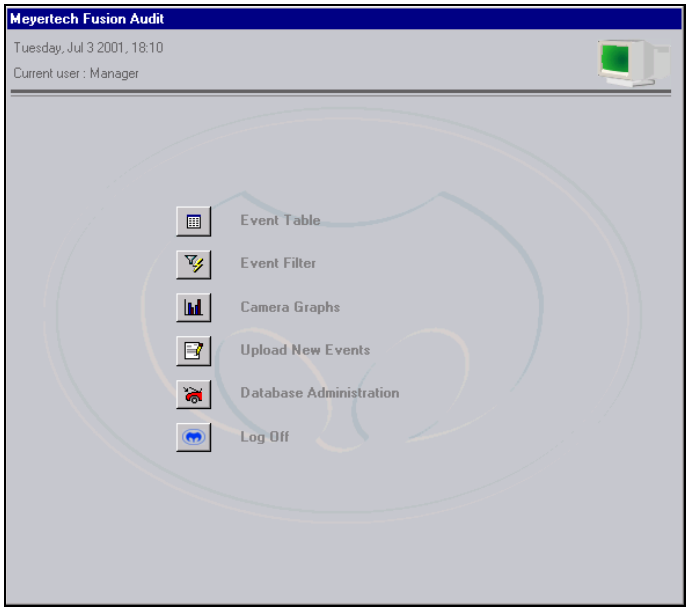
1. Start Fusion Audit (filename = FAM.mde)
2. After checking the licence file details the logon screen will appear and several tasks will begin automatically including checking for any new audit data, these tasks are shown in the status messages. The operator is only allowed to logon once these tasks are complete. Should there be a problem with either the licence file or backend database the application will display an error message and then quit?



3. Logon to Fusion Audit by selecting your user name and then entering your 4-digit PIN code. Initially only 2 users are shown Engineer and Manager, once logged on other users may be added to this list. Refer fig 3.1.3

The Main Screen

The Main Screen is now displayed



General Operation

Fusion Audit is designed to be user friendly and intuitive to operate by using a graphical interface. It is not menu driven although there is one menu bar displayed in the main Access window for ***Exit and Help – About.***

Main Screen features:

Select one of the available buttons for the required function.

The current time and date is displayed in the top left corner, if the mouse is over this the session-started status is displayed.

The monitor icon in the top right corner should normally be green:

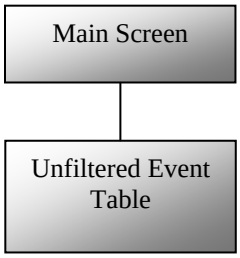
Green	Fusion Audit monitoring is on and checking for new Fusion audit events
Red	Fusion Audit monitoring is off
Blue	Fusion Audit monitoring is on and a fault is detected which should be reported

The main functions on the Main Screen are:

Button	**Function**
Event Table	This table shows all the Fusion Audit events, i.e. unfiltered. This table has a sort feature allowing the events to be sorted by any one of the fields ascending or descending.
Event Filter	Events Filter > Filtered Events Table: The Event Filter provides user selection of one or more filter settings to enable only a selection of events to be displayed / printed / exported in the Filtered Events Table.
Camera Graphs	Camera Graphs Filter > Camera Graphs Selection > Graphs. Or Camera Graphs Filter > Camera Graphs Selection > Filtered Table: The Camera Filter provides user selection of one or more filter settings to enable only a selection of camera events and graphs to be displayed / printed.
Upload New Events	Fusion Audit automatically checks for new audit events, typically every 10 minutes. Should the operator wish to manually force a check this function should be used.
Database administration	Dependant on the level of authority for the user various system and user configuration settings are available.
Log Off	When a user has completed their tasks they nay log off Fusion Audit. NB The automatic Fusion Audit monitoring will continue when logged off.

FUSION-AUDIT

The Unfiltered Event Table



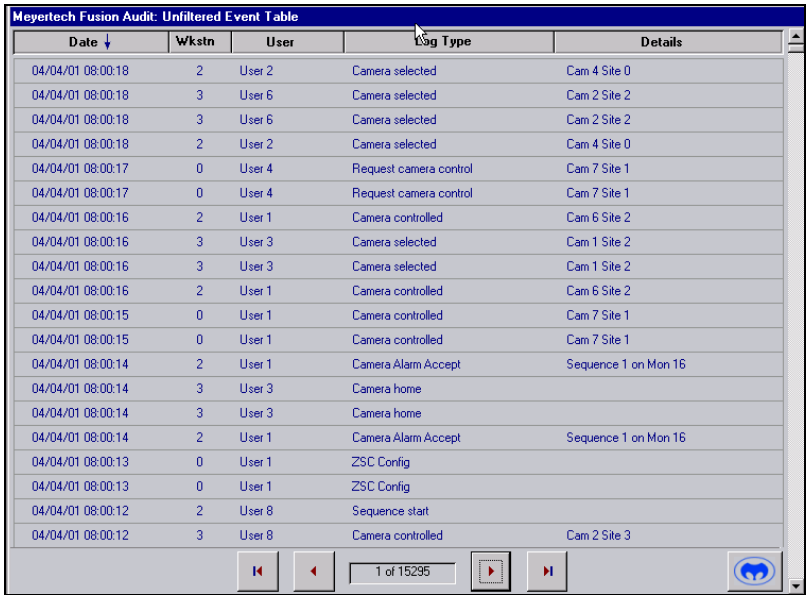
The Unfiltered Event Table is now displayed

Features:

Use navigation buttons to move through the events one at a time or move to the start or end of the events.

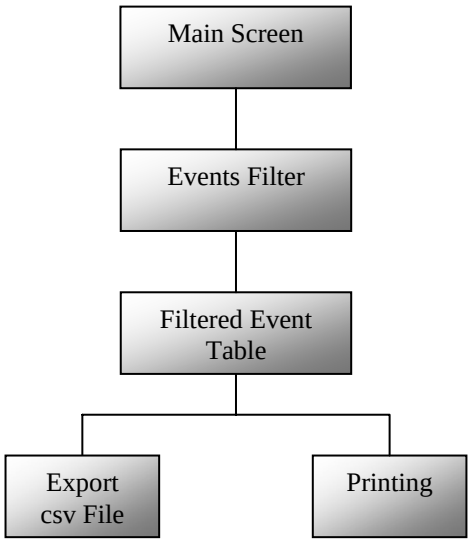
Use the column header buttons to auto sort the events ascending or descending.

Use the vertical scroll bar to go to a specific event using the tool tip text to show the record number.


Meyertech Fusion Audit: Unfiltered Event Table
Date
Wkstn
User
Log Type
Details
04/04/01 08:00:18 2 User 2 Camera selected Cam 4 Site 0
04/04/01 08:00:18 3 User 6 Camera selected Cam 2 Site 2
04/04/01 08:00:18 3 User 6 Camera selected Cam 2 Site 2
04/04/01 08:00:18 2 User 2 Camera selected Cam 4 Site 0
04/04/01 08:00:17 0 User 4 Request camera control Cam 7 Site 1
04/04/01 08:00:17 0 User 4 Request camera control Cam 7 Site 1
04/04/01 08:00:16 2 User 1 Camera controlled Cam 6 Site 2
04/04/01 08:00:16 3 User 3 Camera selected Cam 1 Site 2
04/04/01 08:00:16 3 User 3 Camera selected Cam 1 Site 2
04/04/01 08:00:16 2 User 1 Camera controlled Cam 6 Site 2
04/04/01 08:00:15 0 User 1 Camera controlled Cam 7 Site 1
04/04/01 08:00:15 0 User 1 Camera controlled Cam 7 Site 1
04/04/01 08:00:14 2 User 1 Camera Alarm Accept Sequence 1 on Mon 16
04/04/01 08:00:14 3 User 3 Camera home
04/04/01 08:00:14 3 User 3 Camera home
04/04/01 08:00:14 2 User 1 Camera Alarm Accept Sequence 1 on Mon 16
04/04/01 08:00:13 0 User 1 ZSC Config
04/04/01 08:00:13 0 User 1 ZSC Config
04/04/01 08:00:12 2 User 8 Sequence start
04/04/01 08:00:12 3 User 8 Camera controlled Cam 2 Site 3
1 of 15295

There is no print or export facility from this table, to do this use the next function.

Events Filter



The Events Filter is now displayed

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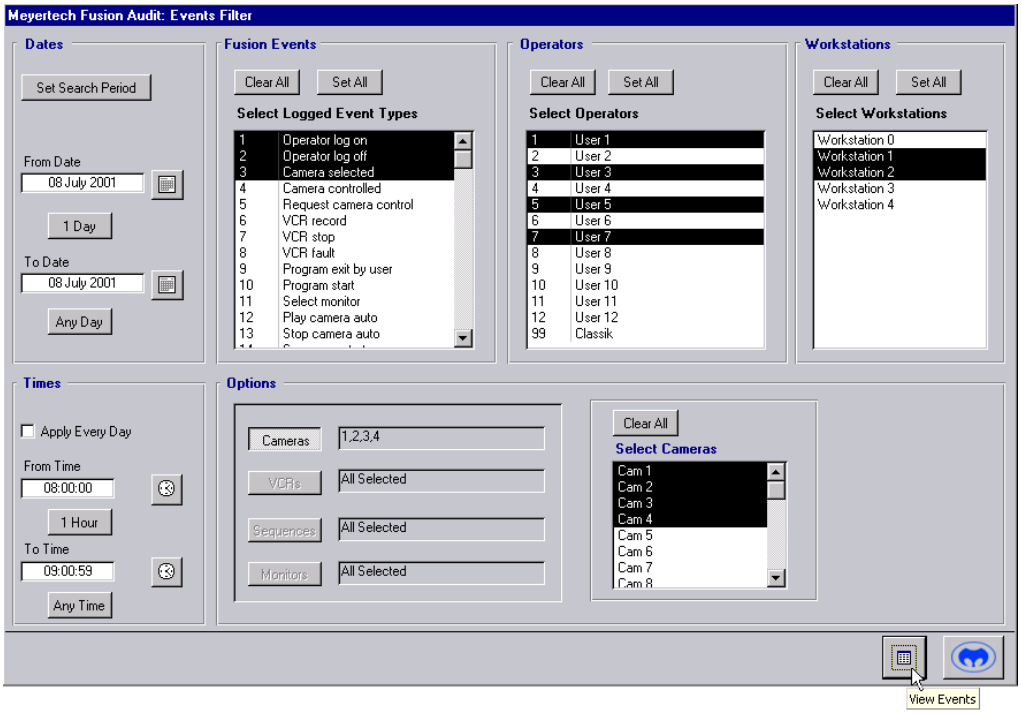

Features:

Multiple filter settings to allow viewing/printing/exporting of the required events from many 1000's of events.

Optional filter settings that are enabled dependant on types of Fusion events selected.

Flexible calendar control.

Report output.

Export csv file output, for use in Excel or any other suitable application.

Functional Steps:

1. Select item(s) from all mandatory filter settings (see below)
2. Select item(s) from required optional filter settings (see below)
3. Select 'View Events' button
4. The 'Query result' message box will then show the number of events matching the query. Select 'No' to adjust the query; select 'Yes' to display the results.
5. If 'Yes' selected above then the 'Filtered Events Table' is shown.
6. The events as first displayed are in date & time order. By clicking on the column header buttons the filtered events may be sorted by Workstation, User, Event Type or Details; Ascending or descending.
7. Use the print button to print the Events Report, Fusion Audit will estimate the number of pages for the report providing an option to cancel the printing.
8. Use the 'Export Fusion Data' button to export the filtered set of events as a csv (comma separated values) file that may be used in Excel or any other suitable application. This data is exported as a fixed filename so if there are multiple exports in the same session use Windows Explorer to rename the file as required.
9. Return to 'Events Filter'
10. Return to 'Main Screen'

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Mandatory Filter Settings:

Name	Function	Notes
Fusion events	Select 1 or many or all types of events	Click on an event type in the list to select it, click on the same event type to deselect it.
Operators	Select 1 or many or all operators	Click on an operator in the list to select them, click on the same operator to deselect them.
Workstations	Select 1 or many or all workstations	Click on an workstation in the list to select it, click on the same workstation to deselect it.

Optional Filter Settings:#

Name	Function	Notes
Dates	Select the From Date using the adjacent calendar button. Select the To Date using the adjacent calendar button.	If the events being searched are NOT in the current month then use the 'Set Search Period' button to select any date in the month of interest…this only needs to be done once. To select events from a single day select the From date and then use the '1 Day' button. To select events from all days and remove any filter settings for the From and To Dates use the 'Any Day' button
Times	Select the From Time using the adjacent clock button. Select the To Time using the adjacent clock button.	To select events for a single hour select the From Time and then use the '1 Hour' button. To remove any filter settings for the From and To Times use the 'Any Time' button When selecting events across multiple days use the 'Apply Every Day' checkbox to apply the time setting filter every day, otherwise it will simply be used once, i.e. the From Time will be used with the From Date and the To Time will be used with the To Date.
Options	Select the relevant button as enabled: Cameras VCR's Sequences Monitors	If a Fusion event has a relevant optional sub-filter then the appropriate button is enabled. Select this button and then select from the list . Select this button and then select from the list Select this button and then select from the list Select this button and then select from the list

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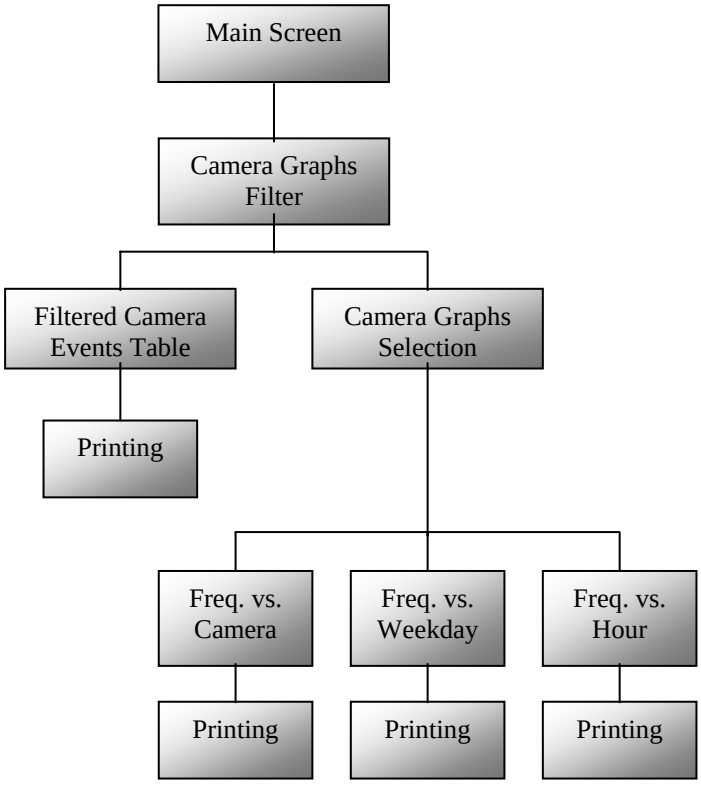
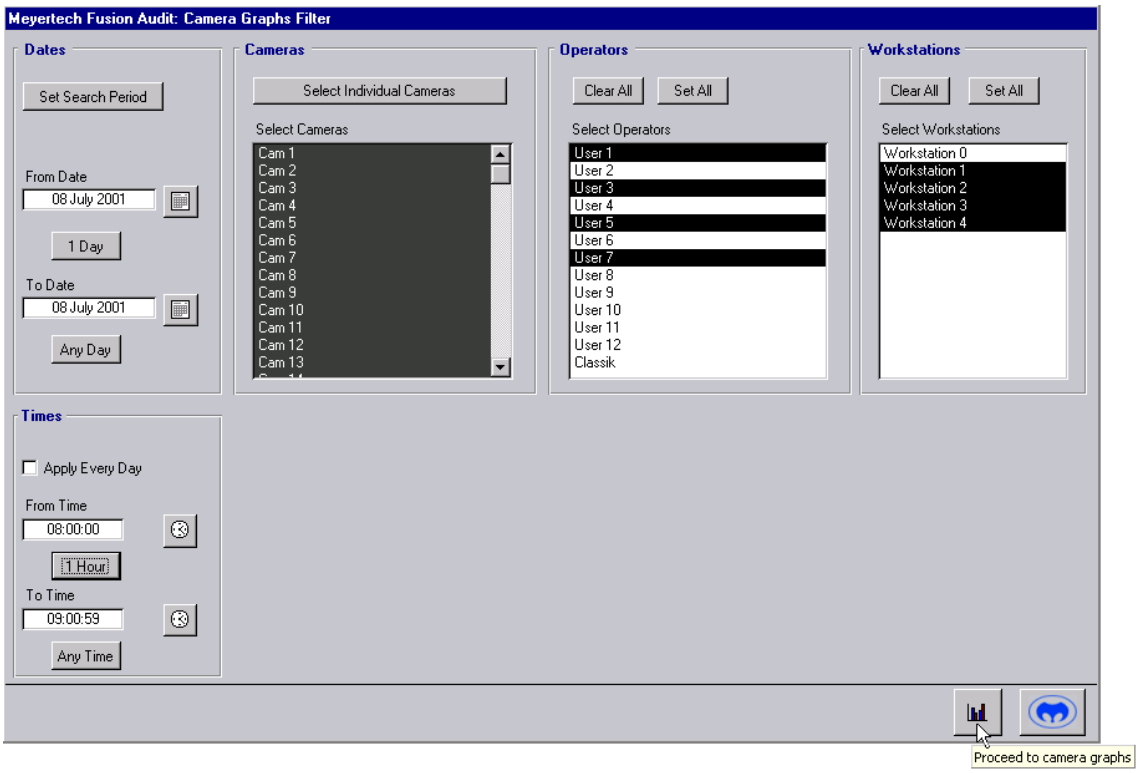
Camera Graphs



The Camera Graphs Filter is now displayed



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Features:

Multiple filter settings to allow viewing/printing of the required camera events.

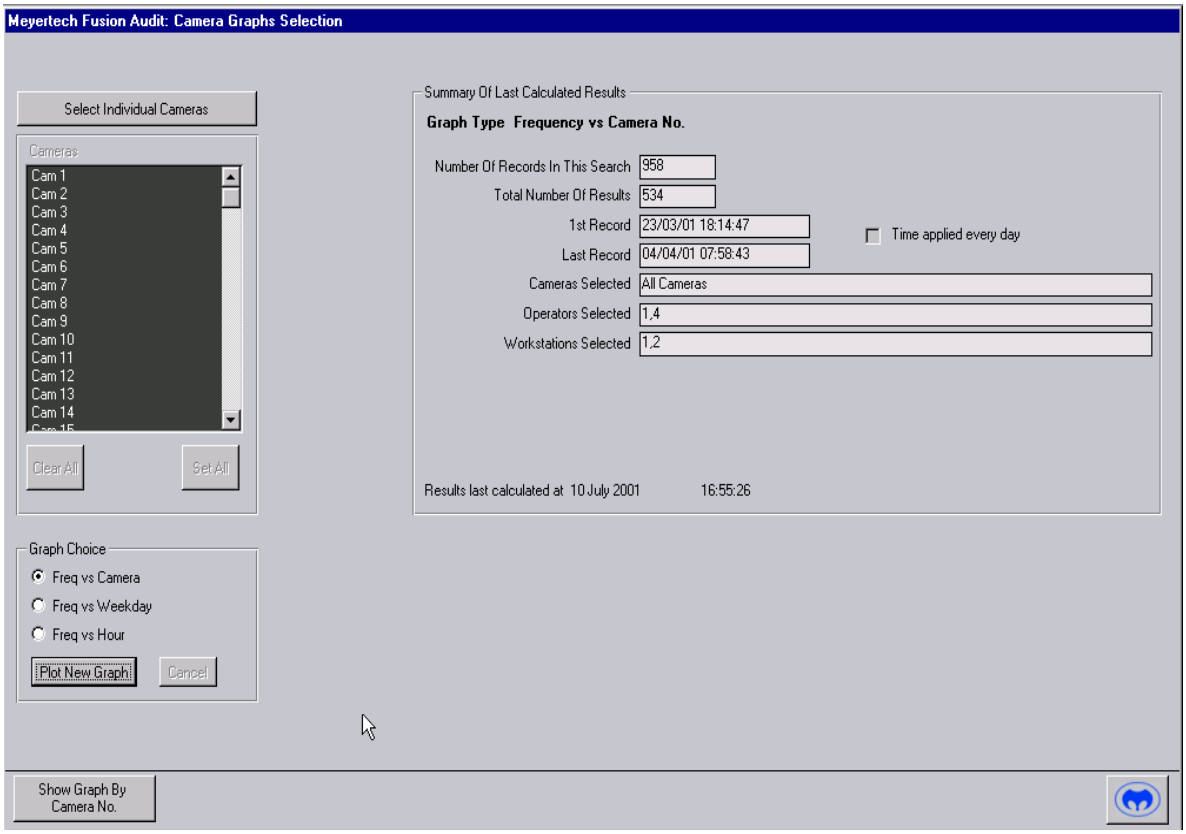
Flexible calendar control.

Report output.

3-Click production of graphs.

Functional Steps:

1. Select item(s) from all mandatory filter settings (see below)
2. Select item(s) from required optional filter settings (see below)
3. Select 'Proceed to camera graphs' button
4. The 'What Next' message box will then show the number of events matching the query. The operator then has the choice of whether to view the results in a table, view them by 1 of 3 graphs or return to the filter to adjust the filter settings.
5. If 'View Camera Events' is selected above then the 'Filtered Camera Events Table' is shown, which the operator can then choose to print from. As with previously described tables the operator can choose the sort order
6. If 'Proceed to graphs' is selected then the 'Camera Graphs Selection' form is displayed as shown below except that the details shown on the right hand side will only show when at least 1 graph has been displayed.



7. Select the type of graph as required. See the examples that follow.

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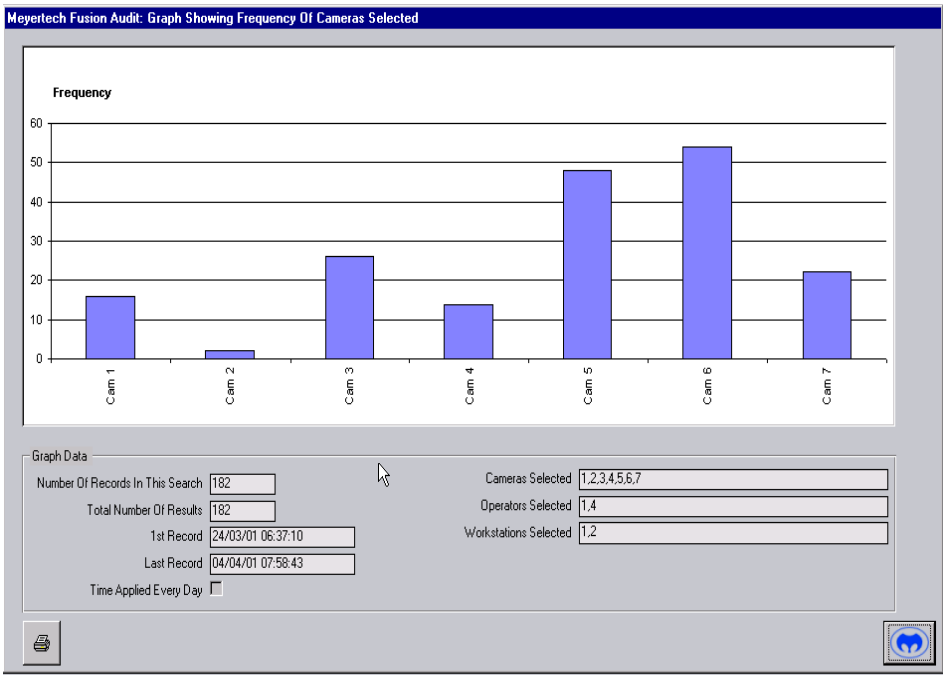

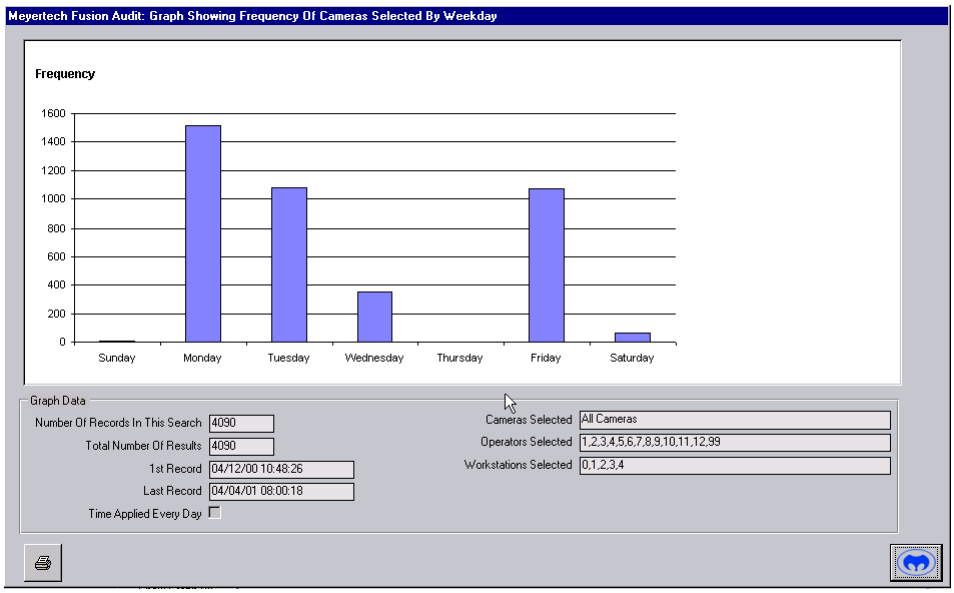

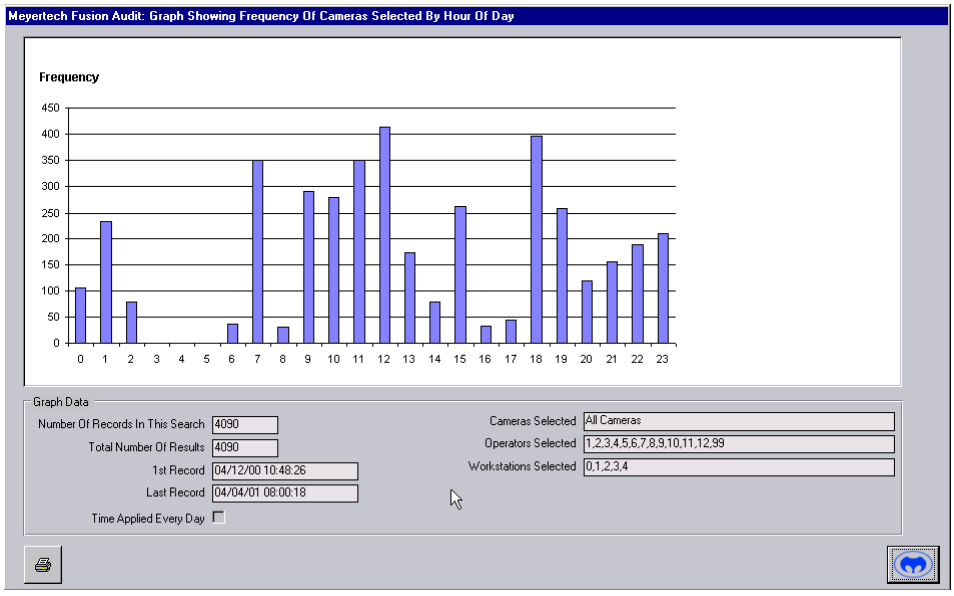

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8. Select the button ‘Plot New Graph’. Note that as graphs are displayed there is a corresponding button displayed at the bottom of the form that allows the previously calculated, graph of each of the types, to be recalled.
9. Use the ‘Select individual cameras’ button to narrow down the filter at this form
10. Should a graph calculation take a long time to complete the ‘Cancel’ button should be used. This may happen if there are a lot of camera events being processed whilst simultaneously using camera sub-filtering on this form as per above. To overcome this filter the cameras at the previous form ‘Camera Graphs Filter’.
11. Return to ‘Camera Graphs Selection’
12. Return to ‘Camera Graphs Filter’
13. Return to ‘Main Screen’

Mandatory Filter Settings:

Name	Function	Notes
Operators	Select 1 or many or all operators	Click on an operator in the list to select them, click on the same operator to deselect them.
Workstations	Select 1 or many or all workstations	Click on an workstation in the list to select it, click on the same workstation to deselect it.

Optional Filter Settings:

Name	Function	Notes
Dates	Select the From Date using the adjacent calendar button. Select the To Date using the adjacent calendar button.	If the events being searched are NOT in the current month then use the ‘Set Search Period’ button to select any date in the month of interest…this only needs to be done once. To select events from a single day select the From date and then use the ‘1 Day’ button. To select events from all days and remove any filter settings for the From and To Dates use the ‘Any Day’ button
Times	Select the From Time using the adjacent clock button. Select the To Time using the adjacent clock button.	To select events for a single hour select the From Time and then use the ‘1 Hour’ button. To remove any filter settings for the From and To Times use the ‘Any Time’ button When selecting events across multiple days use the ‘Apply Every Day’ checkbox to apply the time setting filter every day, otherwise it will simply be used once, i.e. the From Time will be used with the From Date and the To Time will be used with the To Date.
Cameras	Select individual cameras	If it is known that certain cameras are not of interest then Fusion Audit will process the camera results much quicker if these cameras are filtered out ,i.e. do not select them. Note that the method of selection of cameras from this list is different to the previously discussed lists for Event codes, Users, etc: Multiple selections are made by use of the shift and control keys on the keyboard, as per standard Windows control when selecting files in Windows Explorer.

Upload New Events

Fusion Audit automatically checks for new audit events, typically every 10 minutes. Should the operator wish to manually force a check this function should be used.

Database Administration

The Configuration form consists of several tabs which are only made visible if the logged-on user has sufficient authority as per the table below.

	Access Level			
Tab	**User**	**Supervisor**	**Manager**	**Engineer**
Users	✓	✓	✓	✓
System				✓
Workstation Monitoring			✓	✓
Fusion Data				✓
Log Codes				✓
Devices				✓
Scheduled Tasks			✓	✓

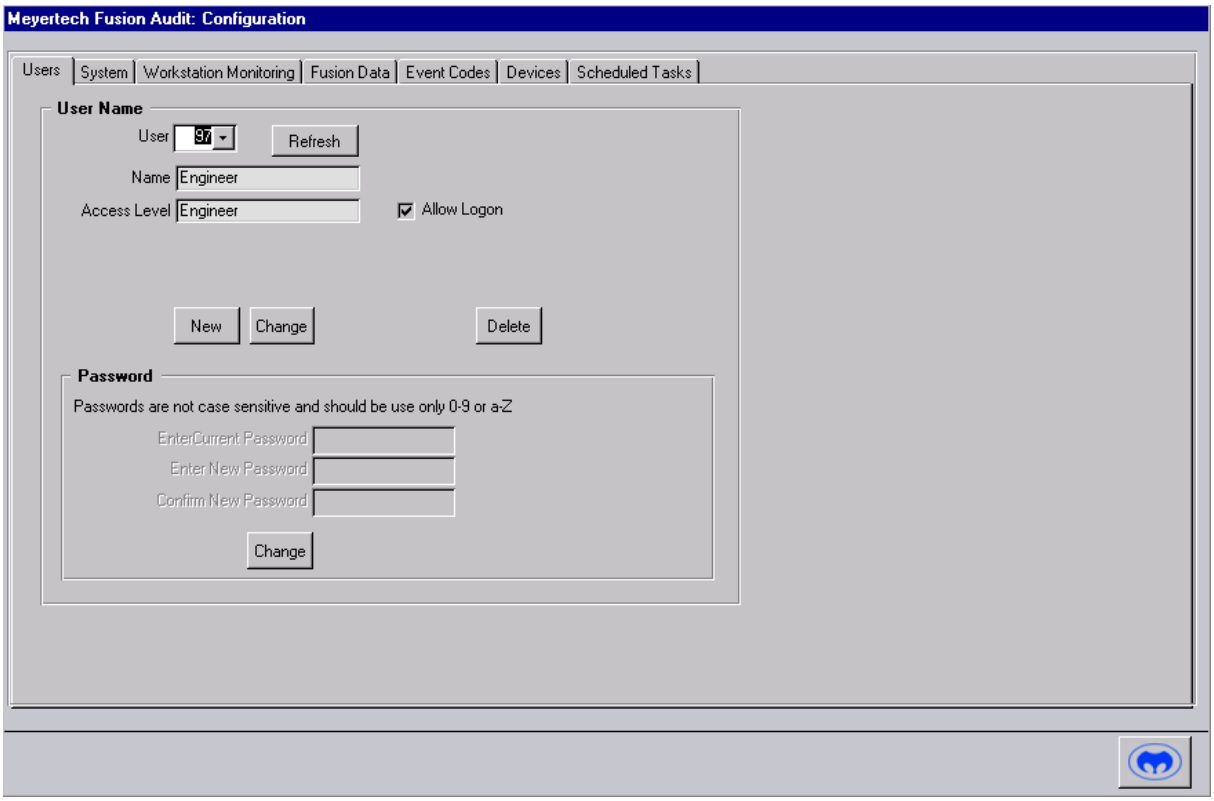
Configuration – Users

User Name

- If logged on with ‘user’ or ‘supervisor’ authority then only the logged-on user name gets displayed in the ‘User’ combo box and only the PIN can be changed.
- For all other users with ‘manager’ and higher authority the logged-on user gets a list of all users with the same or lower authority level, this prevents a user with say ‘manager’ authority from viewing and editing a user with ‘engineer’ authority. New users can be added, and existing users can be modified or deleted.
- The ‘Allow Logon’ checkbox if checked causes the user to be displayed in the combo box on the logon form.

PIN

- PINs can only be changed if the existing PIN is known. All PINs must consist of four numeric characters only in the range 0 – 9.



Configuration – System

Monitor Workstation Settings

- Time Interval: This is used to set the time interval for automatic checking of new Fusion events. Normally set to 600 seconds (10 minutes)
  Show error messages: Used for system install and trouble shooting. Normally checkbox = clear

Delete all Fusion Events

- This function is used to delete all the Fusion Audit events in the database and is commonly used at system install.

Fusion Users Synchronisation

- This is function commonly used at system install when it maybe required to import the current set of users on the main Fusion system into Fusion Audit. The specified file 'FusionUsers.txt' must be stored at 'C:\Meyertech\FusionAudit\Users'. The imported users may have ID's from 1 to 96. The default users of Fusion Audit are not affected by this function, e.g. Manager or Engineer.

Print Control

- Fusion Audit will always print to the default printer. If a printer is unavailable then check this box to prevent printer error messages and enable print previews

Data Repair

- This is function that can be used if the data is suspect, for example if a camera audit has no index or secondary index.

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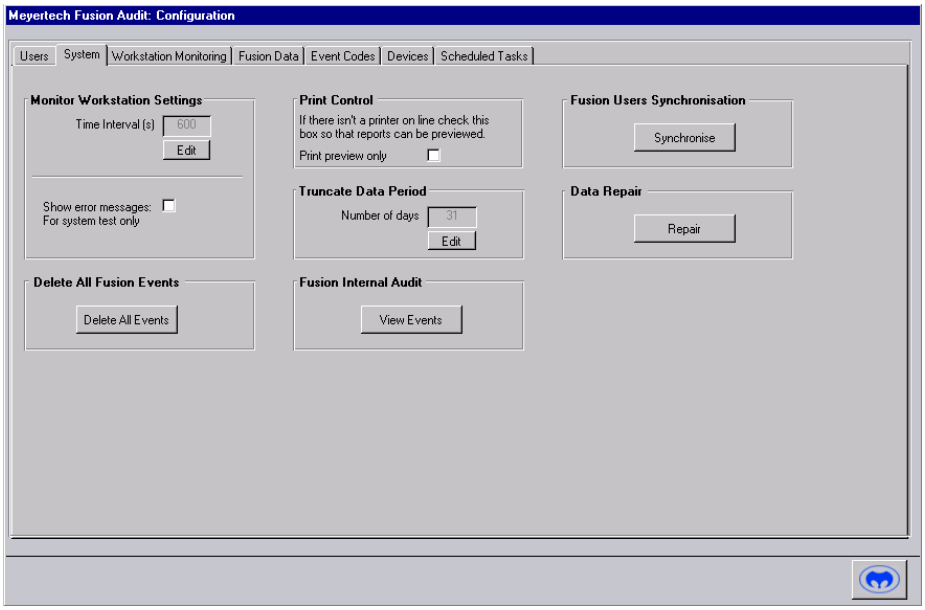
Truncate Data Period

- The total amount of Fusion Audit data needs to be controlled otherwise the computer hard disk will eventually run out of space and the database will get slower. The truncate period can be set from 14 to 365 days (typical system setting of 31 to 93 days depending on system). If the truncate period is set to 31 days then all data that is 32 days or older will be deleted.

Fusion internal audit

- Most of the functions within Fusion Audit are themselves audited. Use this engineers tool to view this internal audit trail.



Configuration – Workstation Monitoring

Enable Workstation Monitoring

- Use the check boxes to turn event monitoring on/off
- The Count shows the number of events per workstation text file
- The Path shows where Fusion Audit will look for the workstation text file
- The Last Event ID shows the highest value of the workstation text file ID field to have been imported. This value is used to determine which events are new.

Per Workstation

- Relocate Workstation Text File: This function configures where Fusion Audit will look for the workstation text file. Before using this function select a workstation first using the record selector, with the current workstation indicated by the black arrow. This is mainly an engineer's system test facility.
  Rename Workstation Text File: This function is the manual equivalent of scheduled task # 4. To prevent the workstation text files from getting too large they are renamed on a regular basis as set by the scheduled tasks. This is mainly an engineer's system test facility

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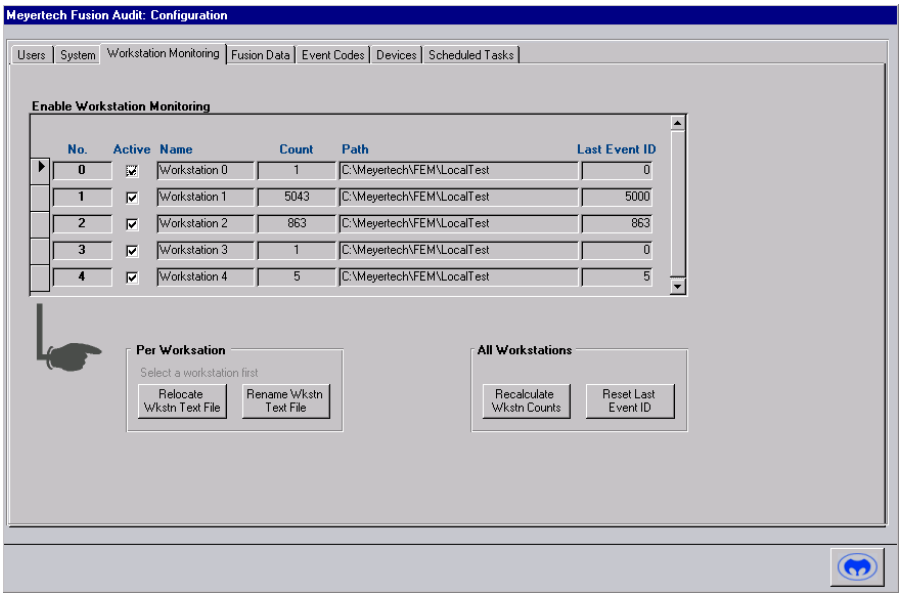
All Workstations

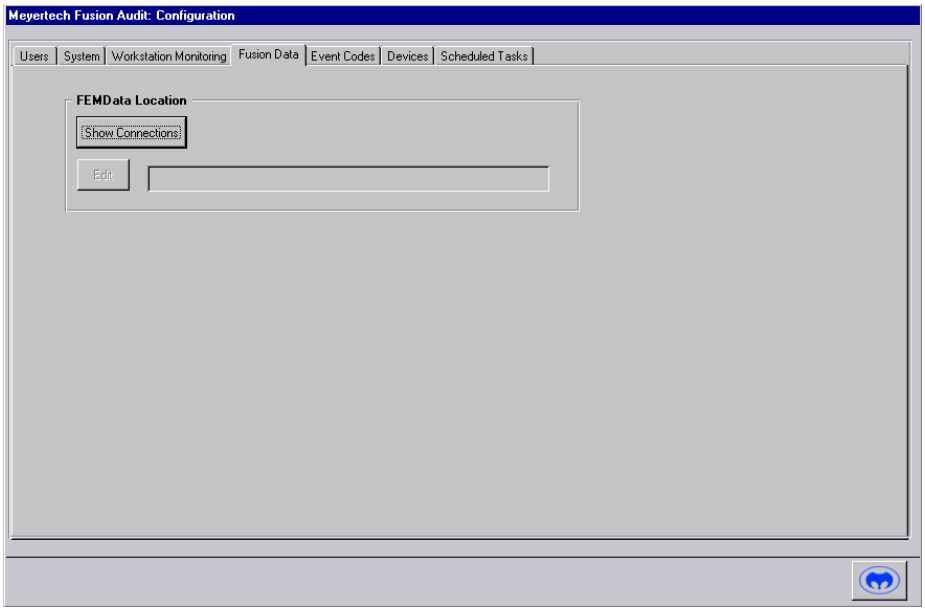
- Recalculate Workstation Counts: This function calculates the number of events in each workstation text file. This is mainly an engineer's system test facility.
- Reset Last Event ID: This function is used to set the Last Event ID and is necessary whenever there is a discontinuity in the event ID's being produced by the Fusion system.



Configuration – Fusion Data

FEM Data Location

- Show Connections: This function shows the currently connected FEMData database
- Edit: Should there be a need to connect to another backend database this is achieved by using this function. The standard Fusion Audit installation uses mde databases.



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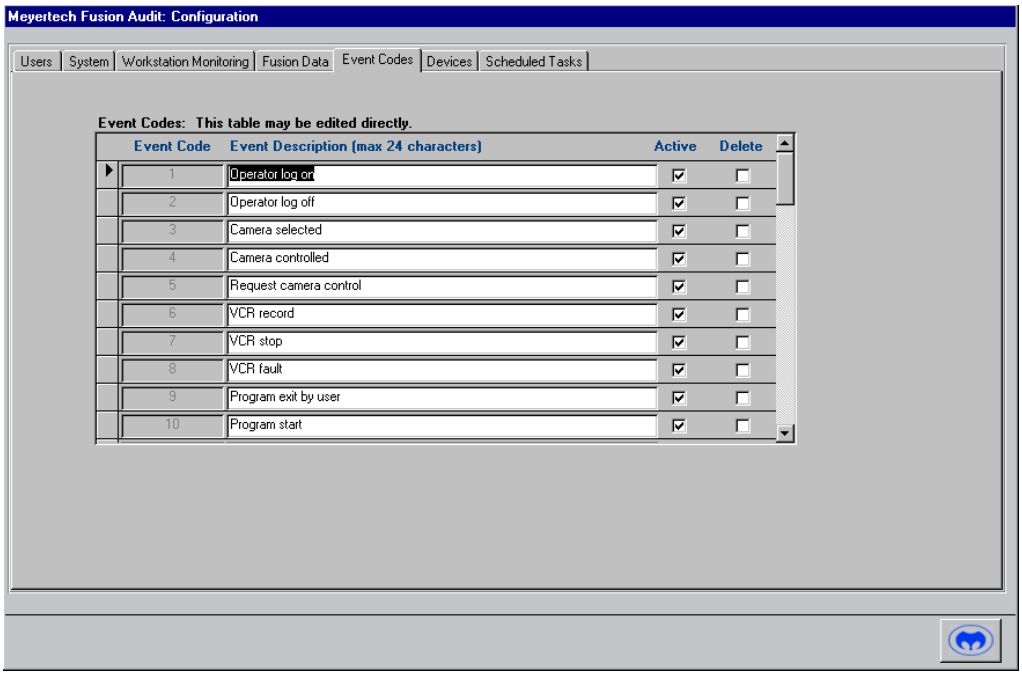
Configuration – Event Codes

Event Codes

- This table shows the Fusion system log codes and their description
- If the “Active” check box is ticked this enables this event code to be audited. NB this does not affect the importing and storing of the Fusion data, only the auditing of the data.
- If the “Delete” check box is ticked this enables the automatic deletion of all events of this type from the database. This feature is designed to optimise the storage of data by removing unwanted events.
- The Event Text can be any text limited to 24 characters in length
- Spare log codes may be used as required



Configuration – Devices

Site 0,1,2,3,4 Cameras

- Select the Site button as required
- Then, using the check boxes, configure Fusion Audit for which cameras are installed.
- Repeat for all sites
- Edit Camera List: Use this function to create a new list per site, then use next button
- Create New All-Sites Camera List: Use this function to create a new list when all the sites are configured.
- If any sites have been changed then the user must use the button Create New All-Sites Camera List to update the all-sites camera list.

Site 5,6,7,8 Cameras

- Sites 5,6,7 & 8 are predefined but may not have cameras in them
- Select the More button and then the site number as required, eg site 6
- Then, using the check boxes, configure Fusion Audit for which cameras are installed.
- Repeat for all sites
- Edit Camera List: Use this function to create a new list per site, then use next button
- Create New All-Sites Camera List: Use this function to create a new list when all the sites are configured.

If any sites have been changed then the user must use the button Create New All-Sites Camera List to update the all-sites camera list.

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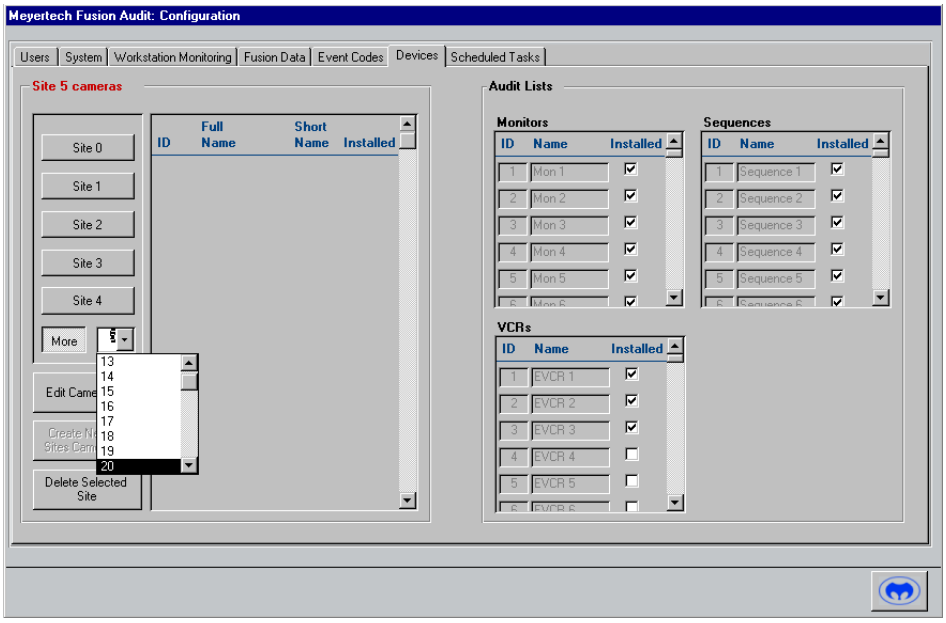
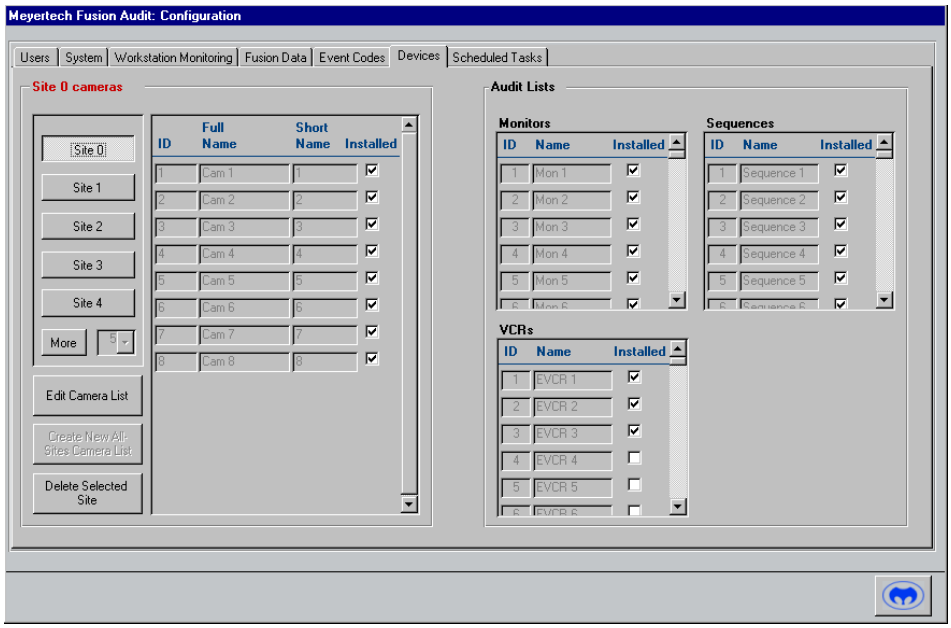
Site 9 + Cameras

- Sites above 8 need to be added
- Select the More button and then the site number as required, eg site 20
- If the site does not exist the user will be prompted to create it
- Then, using the check boxes, configure Fusion Audit for which cameras are installed.
- Repeat for all sites
- Edit Camera List: Use this function to create a new list per site, then use next button
- Create New All-Sites Camera List: Use this function to create a new list when all the sites are configured.
- Any of these sites can be deleted if not required by using the Delete Selected Site button. NB only sites 9 and above maybe deleted.

If any sites have been changed then the user must use the button Create New All-Sites Camera List to update the all-sites camera list.





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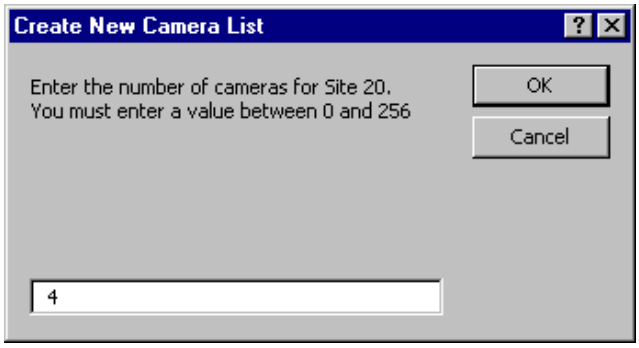

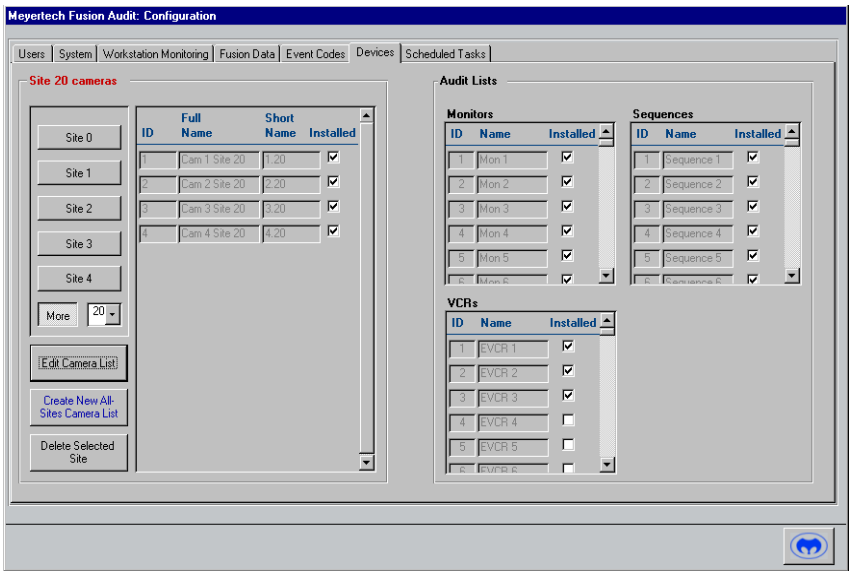

Configuration of devices after site 20 has been added

Audit Lists

- Monitors: Using the check boxes, configure Fusion Audit for which monitors are installed.
- VCR's: Using the check boxes, configure Fusion Audit for which VCR's are installed.
- Sequences: Using the check boxes, configure Fusion Audit for which Sequences are installed.

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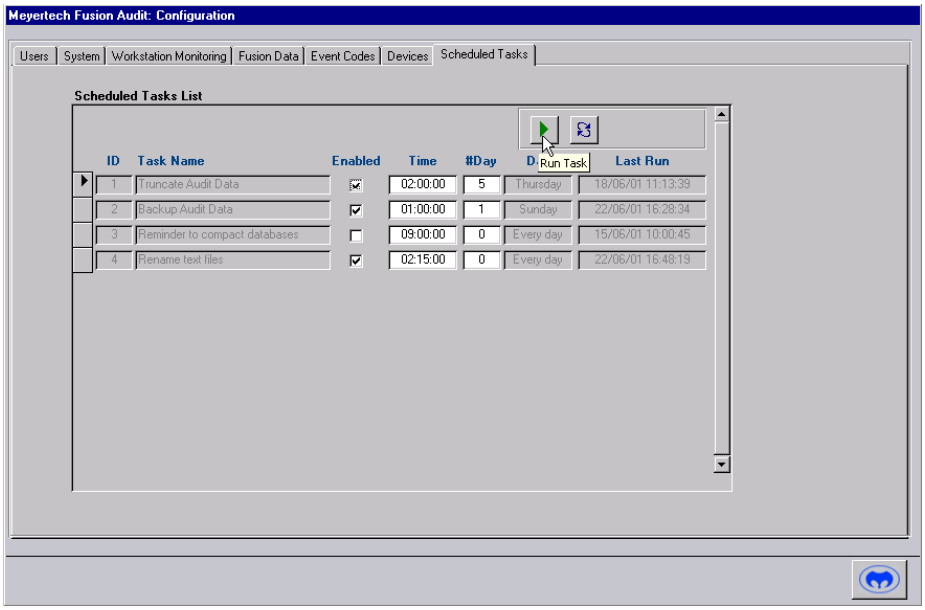
Configuration – Scheduled Tasks

Scheduled Task List

- Before using this function select a task first using the record selector, with the current task indicated by the black arrow.
- Run Task: Having selected a task, use the green arrowed button to run the task.
- Enabled: If the Enabled check box is ticked the task will run automatically at the preset time and day
- Time: The time at which the task will be run, entered as hh:mm:ss
- #Day: This the weekday number with Sunday =1, Saturday = 7. If a 0 is entered the task will run every day.
- Day: The name of day associated with #Day.
- Last Run: The date and time of when the task was last run



Backup

- The backup task creates a complete copy of the backend database FEMData.mde which is located in C:\Meyertech\FusionAudit\Data. The copy of the FEMData.mde is copied into a sub directory containing the current week number and the file itself is renamed to FEMData.bak.
- Restoring the backup database to view the data requires the user to copy the required FEMData.bak file into the Fusion Audit Data directory and renaming the file to FEMData.mde.

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System Reset

If it is required to reset Fusion Audit back to a state with no events and with the Fusion system starting at a new set of workstation text ID's then follow these steps:

1. Logon as Engineer.
2. Select 'Monitor New Events' button on Main Screen and suspend monitoring. Close form.
3. Select 'Database Administration' button on Main Screen.
4. Delete all Fusion Audit events [System Tab].
5. Use 'Reset Last Event ID' function to reset the ID to required value for each workstation.
6. Use 'Remove Wkstn Text File' function if required; this may already have been done or is not needed.
7. Quit from Fusion Audit
8. Restart Fusion Audit

Maintenance

Fusion Audit is designed to operate without any regular maintenance. However, the following is recommended to ensure best performance and avoid data loss due to computer problems.

Fusion Audit consists of two Access databases:
1. FAM.mde
2. FEMData.mde

Routine Tasks (suggest once per month dependant on system activity)
1. Ensure Fusion Audit is not running
2. Run the compact function for both Fusion Audit databases. This is accessed via Start > Programs > Fusion Audit
3. Check available disk space on the C drive and check size of both Fusion Audit databases
   3.1. FAM.mde
   3.2. FEMData.mde

Backups
Always ensure that the Fusion Audit databases are backed up regularly and stored separately from the PC, e.g. Iomega Zip drive, or tape device, or CD etc. This will protect the data from computer errors and / or data corruption.

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Meyertech Limited is a member of the CCTV User Group.

Support

Meyertech offer comprehensive levels of support during the product's warranty period. Our support team will be happy to help with any problem you may experience relating to the installation or operation of FUSION-AUDIT:

1. Telephone support (+44(0)161 628 8406) which is available during normal office hours 9AM – 5PM Monday to Friday excluding Bank holidays. This support is free of charge.
2. Email support. Available 24 hours a day. Our normal response to emails is next working day. This support is free of charge. support@meyertech.co.uk
3. By Facsimile (+44(0)161 628 9811). Available 24 hours a day. Our normal response to facsimiles is next working day. This support is free of charge.
4. Site visits. Subject to availability, our engineers are available to attend site to assess and help with particular system problems firsthand. This service is chargeable. Please contact our Support department on +44(0)161 628 8406 for further details and availability.

Meyertech offer Extended Support Contracts on all their software products. Please contact our Sales department on 0161 628 8406 to discuss your requirements or visit our website www.meyertech.co.uk

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Warranty

Please refer to Meyertech Limited 'Terms & Conditions of Sale of Goods & Services' for interpretation.

1. If the Buyer establishes to the Seller's reasonable satisfaction that there is a defect in the materials or workmanship of the Goods manufactured, then the Seller shall at its option, at its sole discretion and within a reasonable time,
    a. arrange for the repair or making good such defect or failure in such Goods free of charge to the Buyer (including all costs of transportation of any Goods or materials to and from the Buyer for that purpose),
    b. replace such Goods with Goods which are in all respects in accordance with the Contract, or

    subject, in every case, to the remaining provisions of this Condition 1 provided that the liability of the Seller under this Condition 1 shall in no event exceed the purchase price of such Goods and performance of anyone of the above options shall constitute an entire discharge of the Seller's liability under this warranty.

2. Condition 1 shall not apply unless the Buyer:

    a. notifies the Seller in writing of the alleged defect within 12 (twelve) months from delivery or such other period or periods as may be agreed in writing between the Seller and the Buyer, and
    b. allows the Seller a reasonable opportunity to inspect the relevant Goods.

3. For the avoidance of doubt, the Seller shall be under no liability under the warranty in Condition 1 above:
    a. where such defects arise from any drawing, design or specification supplied by the Buyer; or
    b. where such defects arise from fair wear and tear, wilful damage, or negligence of a party other than the Seller (or its employees or authorised personnel), abnormal working conditions, failure to follow the Seller's instructions (whether oral or in writing), misuse or alteration or repair of the Goods without the Seller's approval; or
    c. where such defects arise in parts, materials or equipment which have not been manufactured or designed by the Seller but have been purchased at the Buyer's request by the Seller from the Buyer's designer and manufacturer or from some other third party (the **"Third Party Supplier").**
    d. if the total price of the Goods has not been paid by the due date for payment
    e. in respect of any type of defect, damage or wear specifically excluded by the Seller by notice in writing: or
    f. if the Buyer makes any further use of the Goods after giving notice in accordance with Clause 1

4. Any repaired or replaced Goods shall be redelivered to the Buyer free of charge to the original point of delivery but otherwise in accordance with and subject to these Conditions.

5. Alternatively to Condition 1 the Seller shall be entitled at its absolute discretion on return of the defective Goods to the Seller (at the Seller's request) to refund the price of the defective Goods in the event that such price shall already have been paid by the Buyer to the Seller, or, if such price has not been paid, to relieve the Buyer of all obligation to pay the sum by the issue of a credit note in favour of the Buyer in the amount of such price.

6. In respect of all Goods supplied to the Seller by a Third Party Supplier the Seller will on request pass on to the Buyer (in so far as reasonably possible) the benefit of any warranty given to the Seller by such Third Party Supplier and will (on request) supply to the Buyer details of the terms and conditions of such warranty and copies of any relevant product information sheets, technical data sheets or product leaflets issued by such Third Party Supplier and the Buyer shall be solely responsible to the entire exclusion of the Seller for complying with the same.

7. For the purposes of Condition 1 references to Goods shall be deemed to exclude software.

8. The Buyer acknowledges that software in general is not error-free and agrees that the existence of such errors in the Software Programs shall not constitute a breach of this Contract.

9. In the event that the Buyer discovers a material error which results in the Programmed Products not performing substantially in accordance with the Functional Specification, or the Licensed Programs not performing substantially in accordance with the relevant Program Documentation and notifies the Seller of the error within 90 days from the date of the Seller making available the respective software to the Buyer (the **`warranty period"**) the Seller shall at its sole option either refund the price which the Buyer has paid to the Seller (or if such price has not been paid, relieve the Buyer of all obligations to pay the sum) in respect of the respective software or use all reasonable endeavours to correct by patch or new release (at its option) that part of the software which does not so comply provided that such non-compliance has not been caused by any modification, variation or addition to the software not performed by the Seller or caused by its incorrect use, abuse or corruption of the software by use of the software with other software or on equipment with which it is incompatible,

10. To the extent permitted by English law, the Seller disclaims all other warranties, with respect to the software which it provides pursuant to the Contract, either express or implied, including but not limited to any implied warranties of satisfactory quality or fitness for any particular purpose.

11. The Buyer is solely responsible for various scanning the software that it receives from the Seller pursuant to the Contract.

12. The Seller warrants that it will use reasonable skill and care in providing the Services to the buyer

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